CLAIMS

1. A process for producing an activated carbon for an electrode of an electric double-layer capacitor, comprising subjecting a carbonized material to an alkali activating treatment,

wherein the carbonized material has an average true specific gravity of 1.450 to 1.650 and a variation of the true specific gravity of 0.025 or less.

2. The method according to claim 1, wherein the variation is a difference between a maximum value and a minimum value of the true specific gravity.

3. The method according to claim 1, further comprising subjecting a raw carbon material to a carbonizing treatment so as to form the carbonized material,

wherein the carbonizing treatment is carried out in a furnace at a heating temperature of 600 °C to 1000 °C, and the furnace has a temperature difference between an upper portion and a lower portion of the furnace of 1 °C to 50 °C.

4. The method according to claim 3, wherein the temperature difference between the upper portion and the lower portion of the furnace is about 20 °C.

5. The method according to claim 4, wherein the carbonizing treatment is carried out for 10 to 300 minutes in the furnace, and the furnace has a upper portion temperature of about 790°C, a middle portion temperature of about 780°C, and a lower portion temperature of about 770°C.

6. The method according to claim 3, wherein the carbon material is a fiber aggregate having a thickness of 1 to 50 cm.

7. The method according to claim 6, wherein the thickness is 3 to 20 cm.